

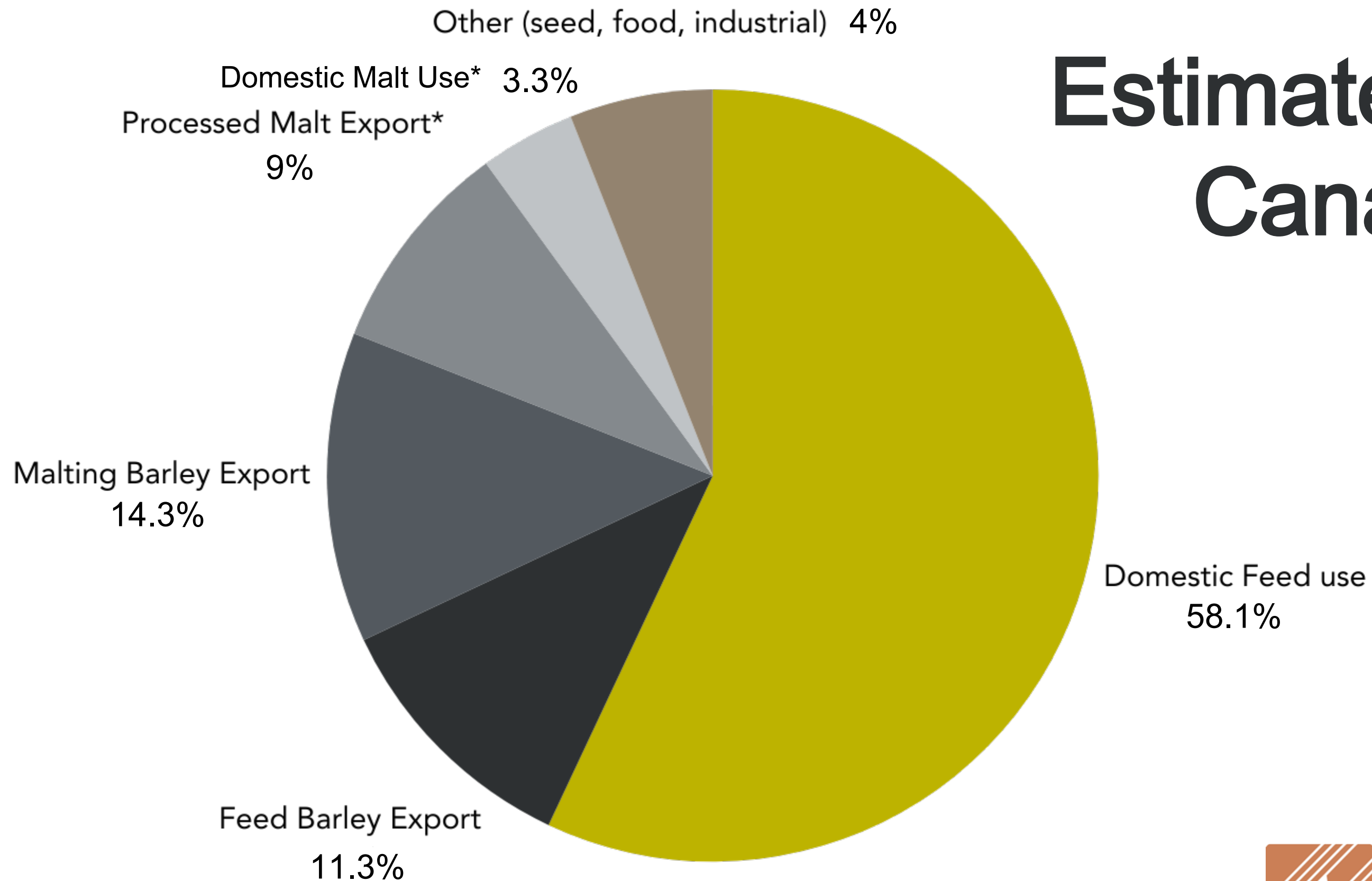
From Seed to Feed

New Feed Barley Varieties



Mitchell Japp, Research and
Extension Manager

Estimated Usage of Canadian Barley



Totals

Feed - 69%
Malting/Brewing - 27%
Other - 4%

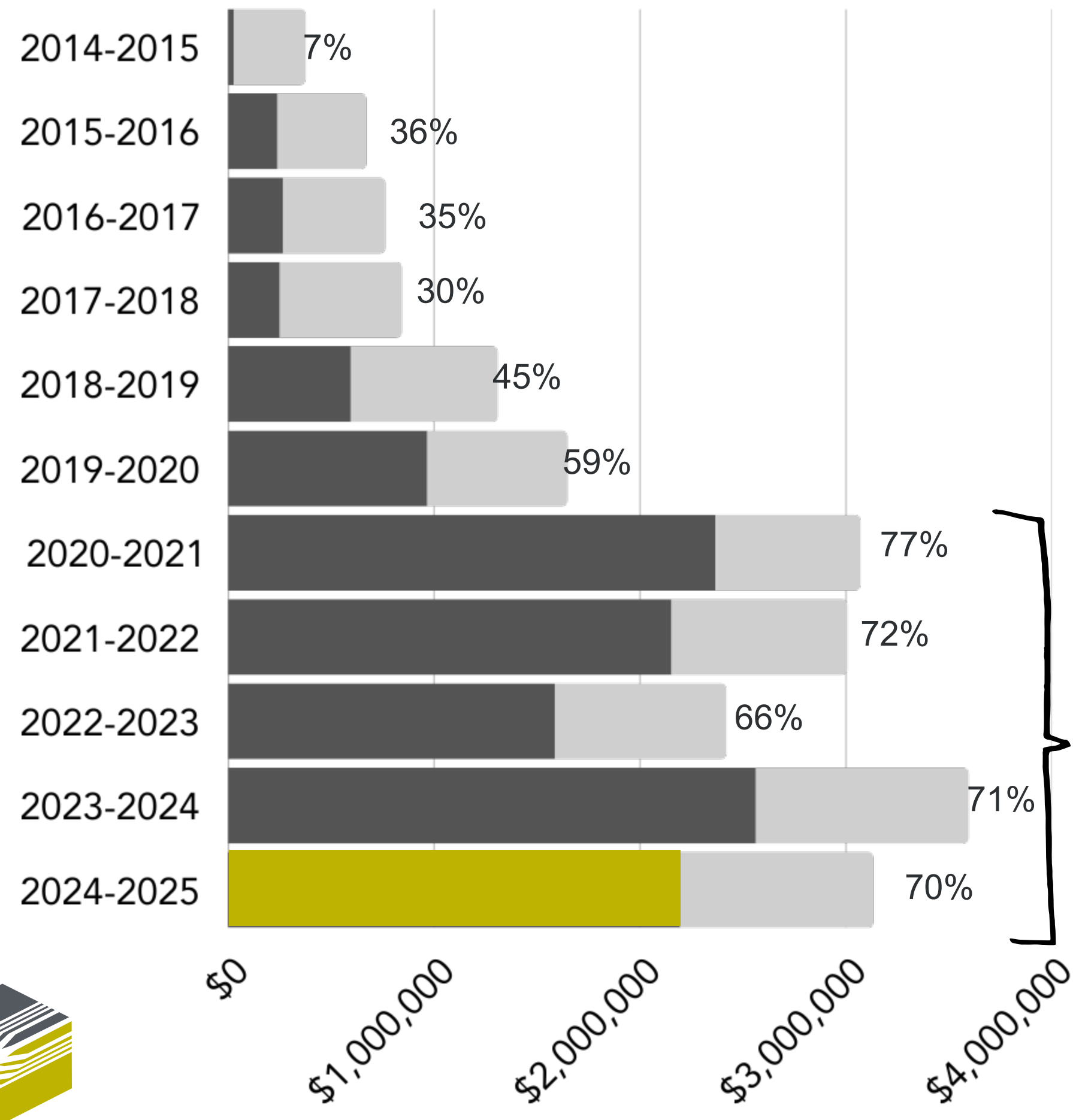
*Barley equivalent

Source: Statistics Canada, CMBTC estimates



Levy Investments into Research

Research Expenses ●
Other Expenses ●



\$1,678,106

VALUE OF NEW RESEARCH COMMITMENT
IN 2024 -25



For \$0.02/bu
you get NEW
varieties that
PERFORM

AAC Prairie **AAC CONNECT**
CDC Fraser AAC Stockton
CDC CHURCHILL **CDC Durango** AAC Lariat



For every \$1

invested by SaskBarley,

\$3 more

is invested by partners.

= \$17.7 Million

in total collaborative investment...

to improve

- Lodging resistance
- Variety development
- Plant Growth Regulators
- 4R Nitrogen Management
- Nitrogen losses
- Improved breeding efficiency
- and more!





Sustainable Canadian Agriculture Program Barley Cluster - \$9.6 M over 5 years

Started in 2023, this initiative is led by CBRC to deliver coordinated research across barley genetics, agronomy, quality, and sustainability.





\$1.06/MT or \$0.02/bu

\$13,180,948

TOTAL VALUE OF RESEARCH INVESTMENT TO DATE

87

PROJECTS
COMPLETED

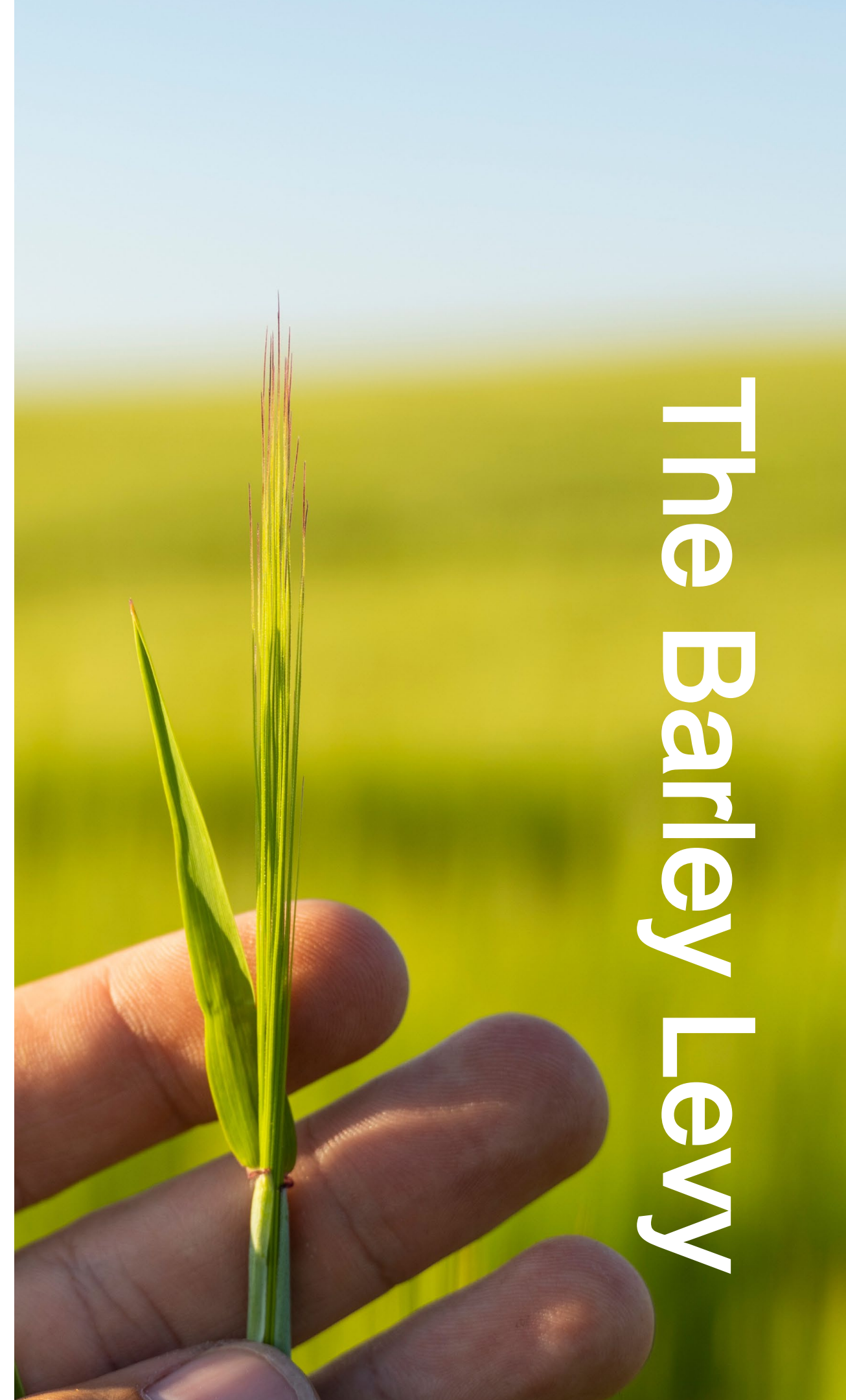
61

LEAD
RESEARCHERS
FUNDED

57

ACTIVE
PROJECTS

The Barley Levy



THE BARLEY LEVY powers direct benefits for your farm .

57 + 12

ACTIVE ON-FARM FIELD TRIALS

Active research projects funded by SaskBarley.



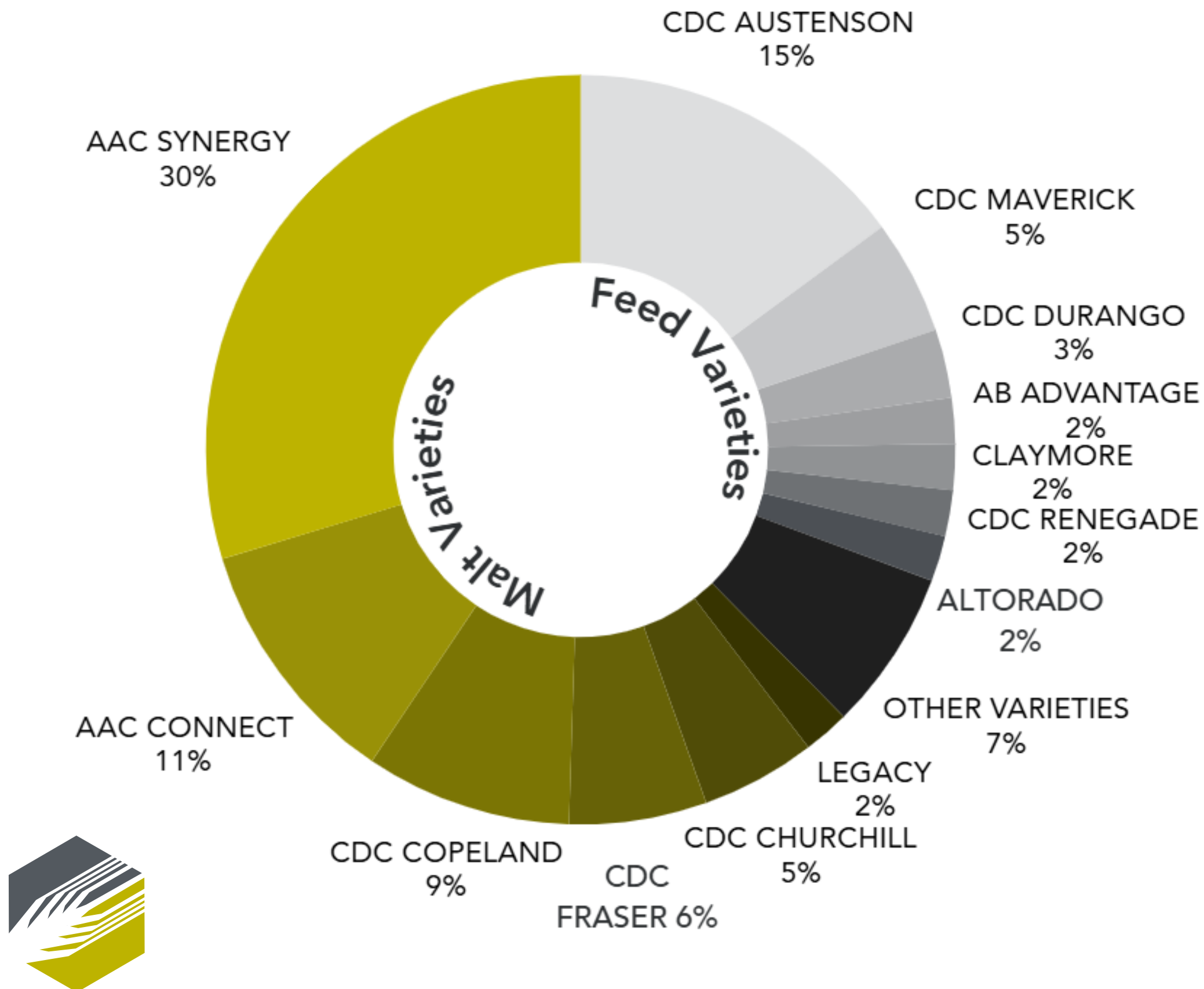
Your ROI?

\$26 returned for every
\$1 you contribute.

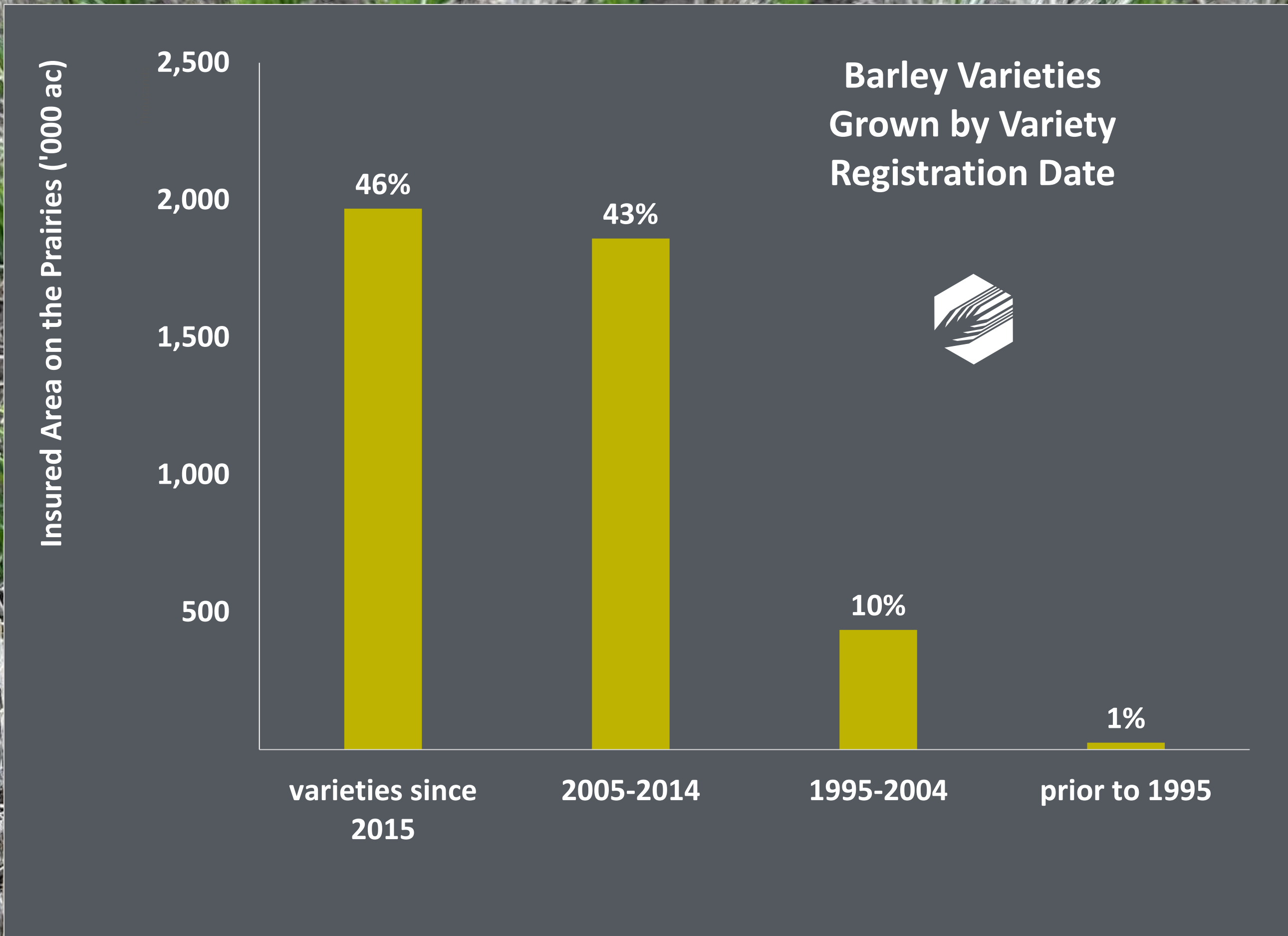
SaskBarley's 3-year avg.
proportion of expenses
invested in research is

71%

Top Barley Varieties



(Seeded area in Saskatchewan)

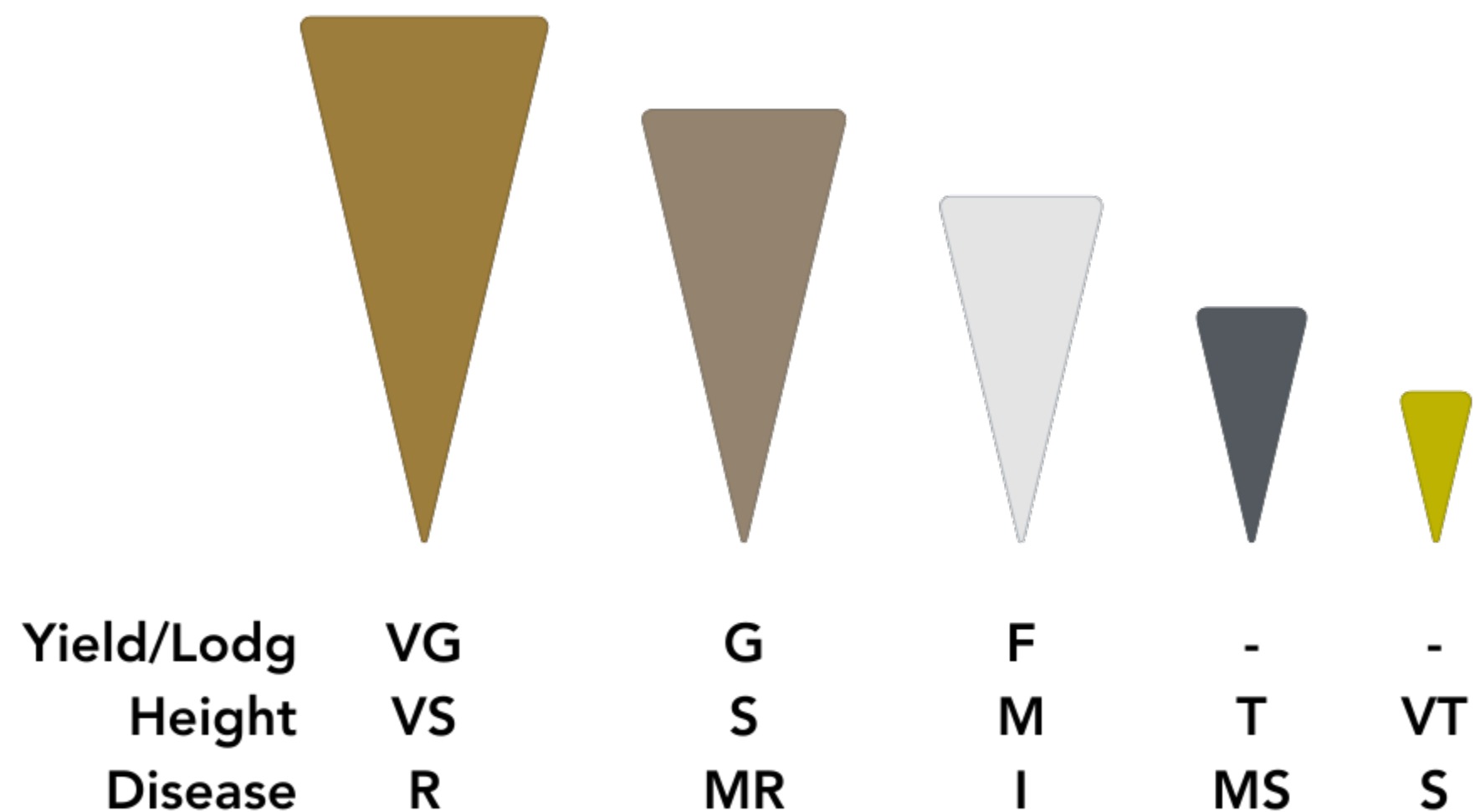






Comparing Varieties

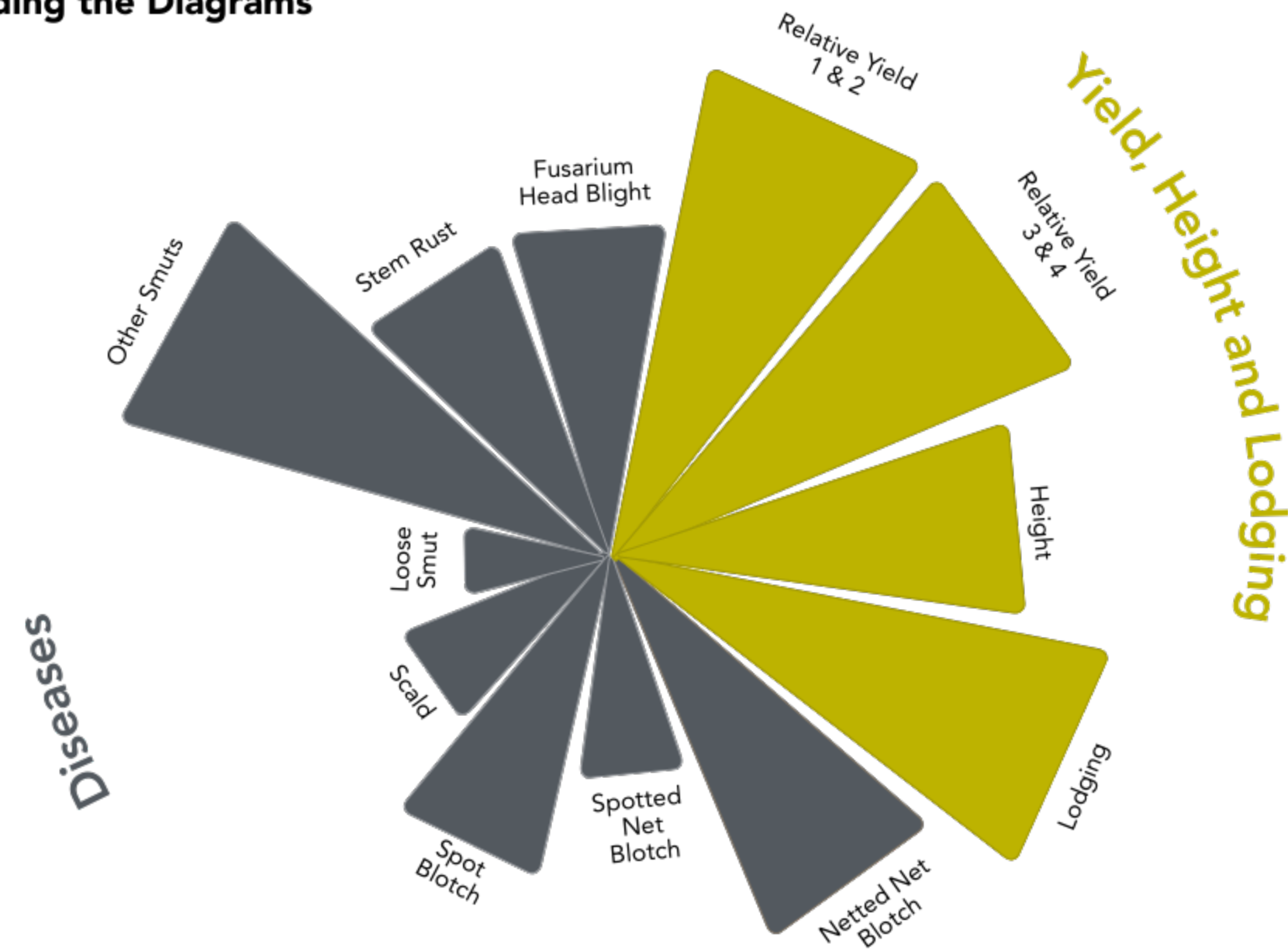
Legend:





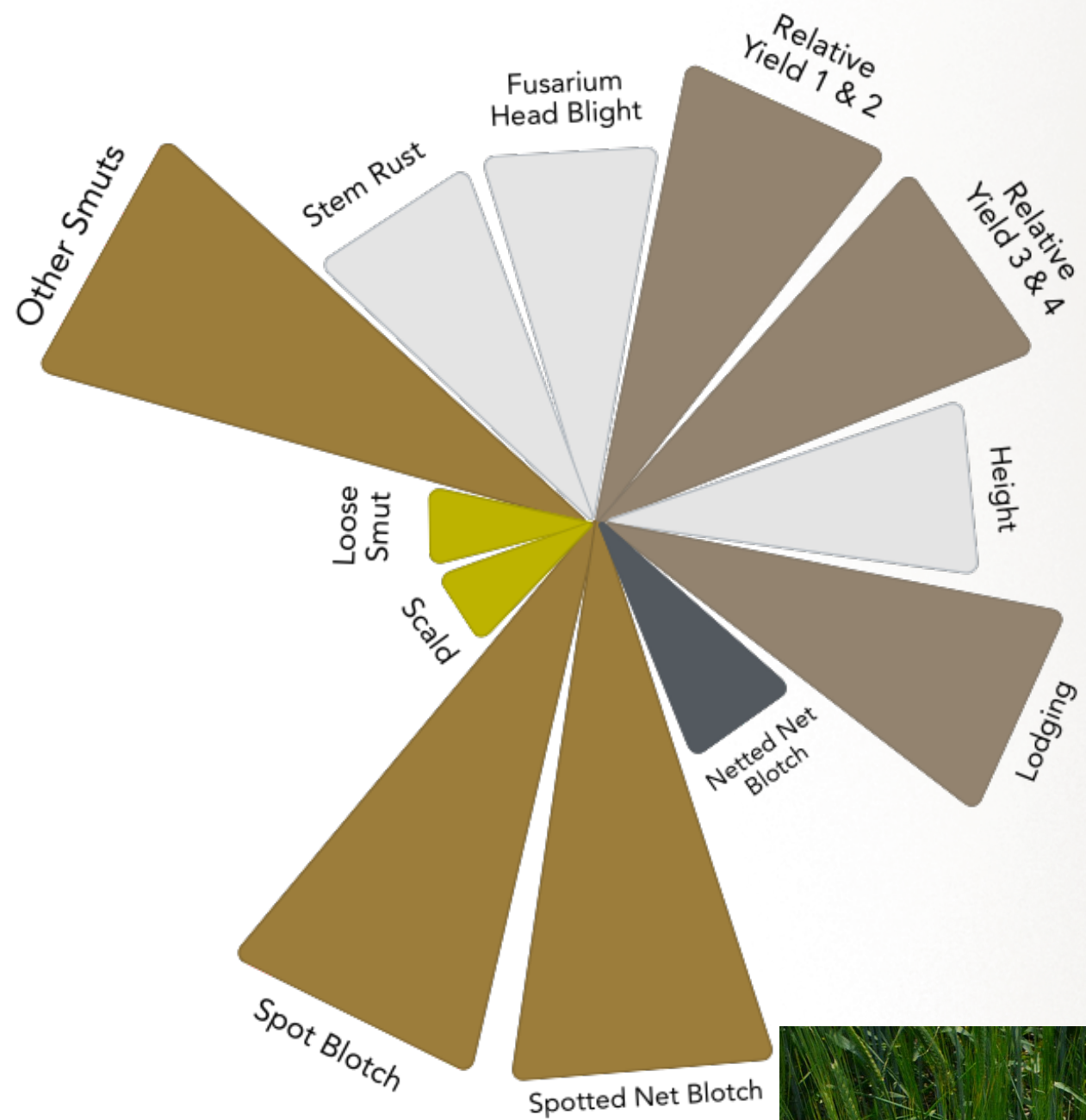
Comparing Varieties

Reading the Diagrams



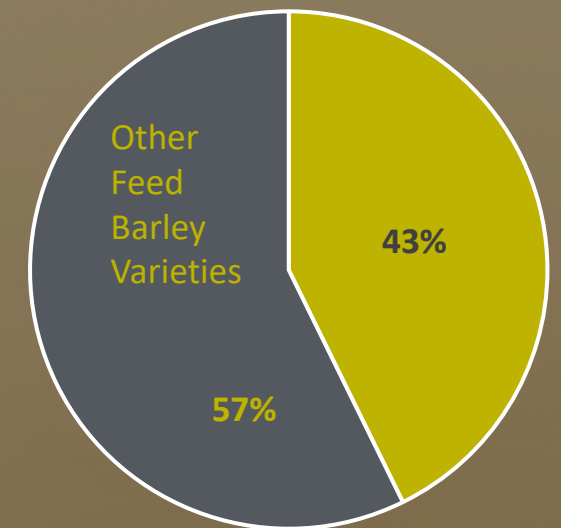
SeCan

CDC Austenson

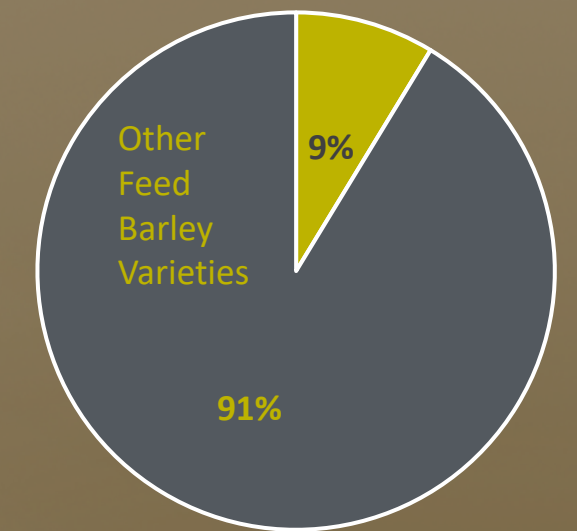
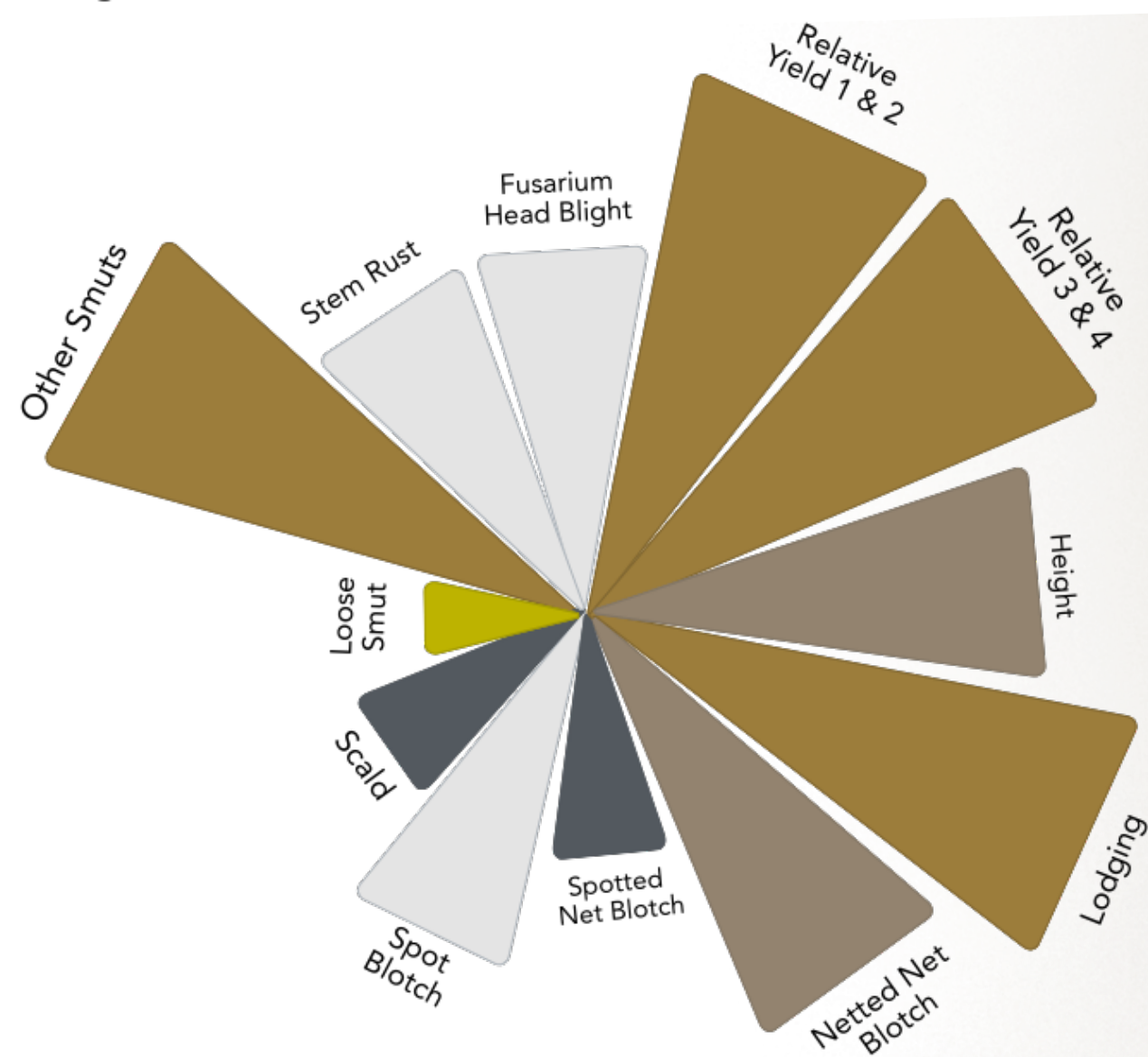


Highlights:

- Plumpness
- Kernel size
- Kernel uniformity
- Straw strength
- Disease resistance
- Yield
- Reg. 2009

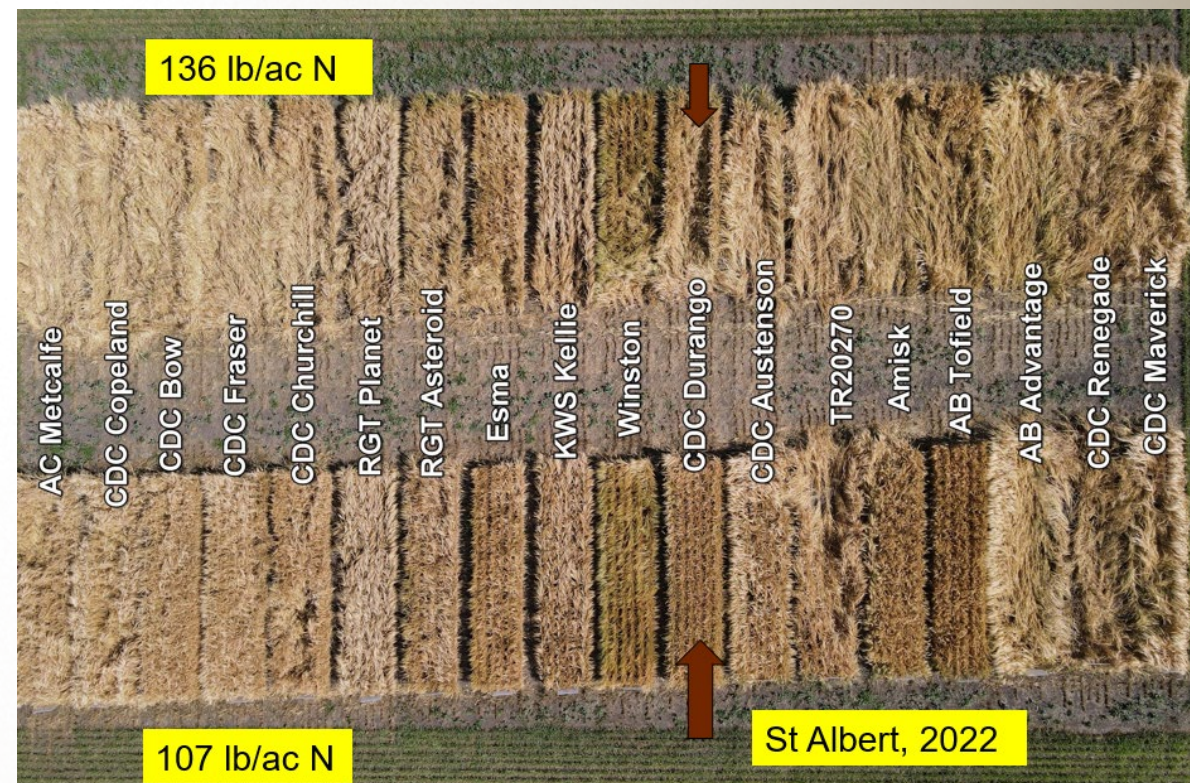


CDC Durango



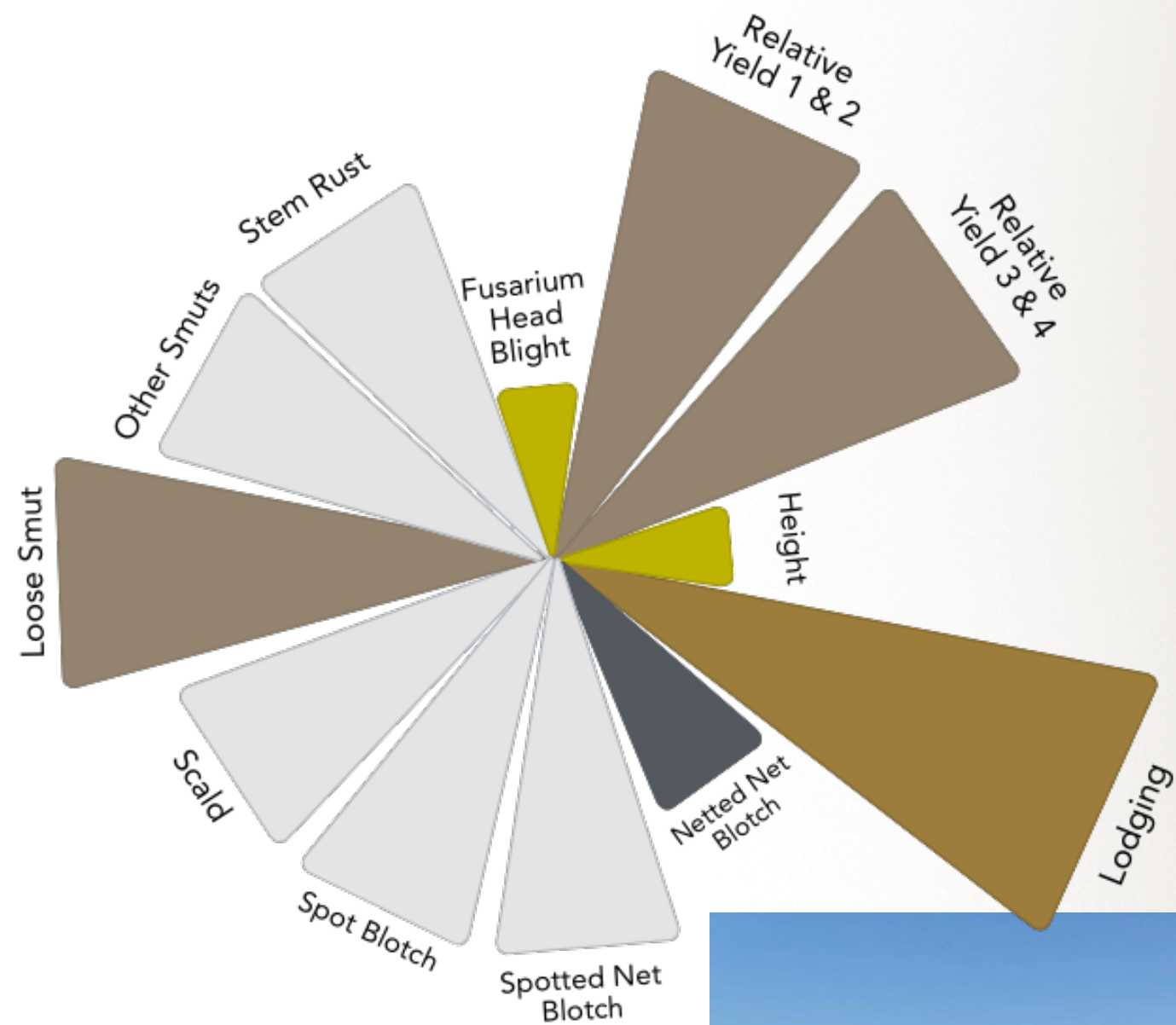
Highlights:

- Yield
- Standability
- Disease resistance
- Reg. 2022



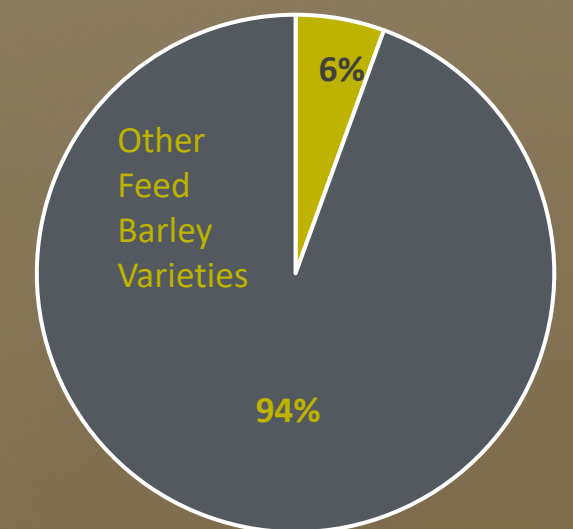
SeCan

AB Advantage



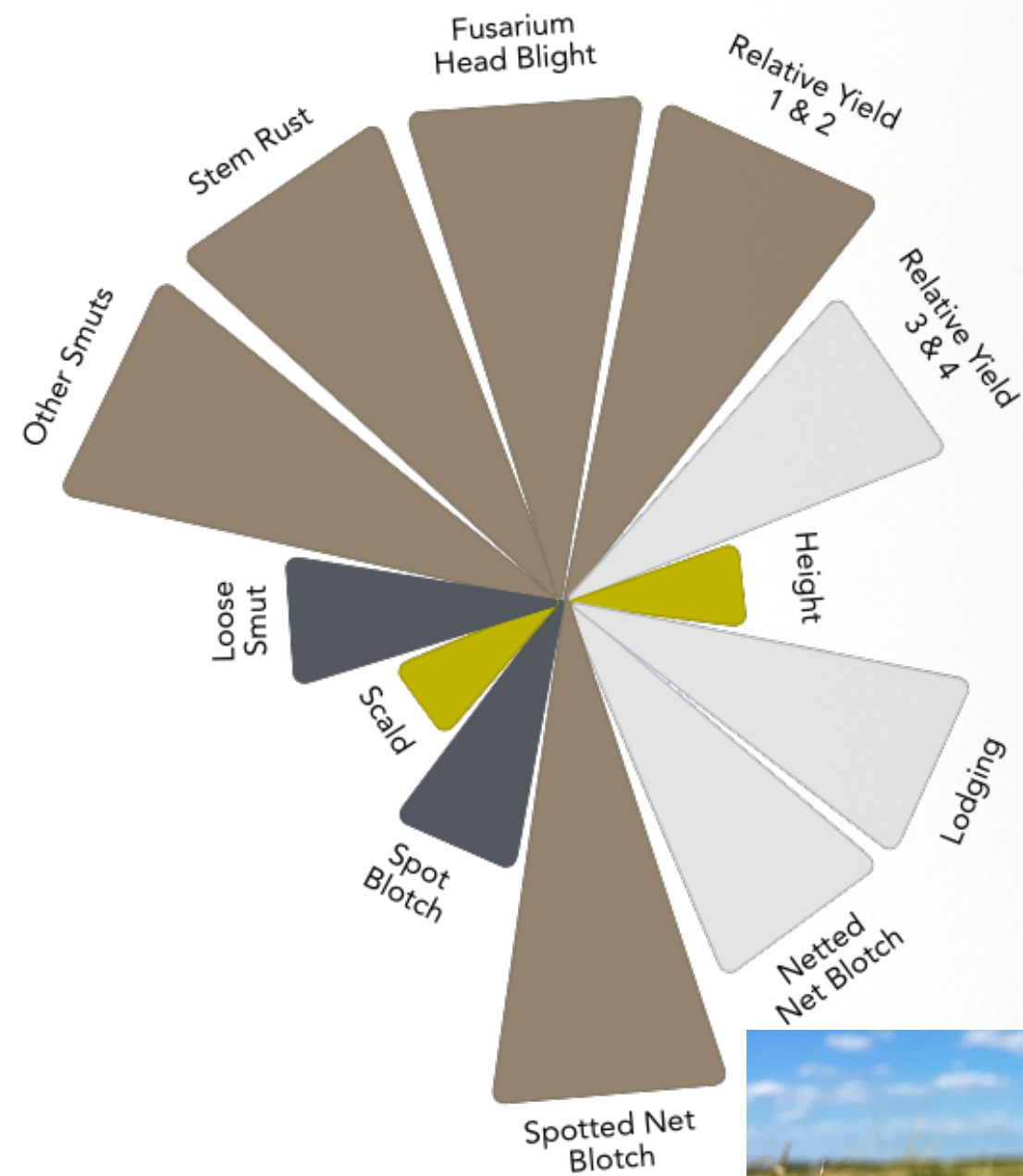
Highlights:

- 6-row, smooth awn
- Dual purpose, feed/forage
- Good grain yield
- Strong forage yield
- Plump kernels
- Tall, but stands well
- Reg. 2018



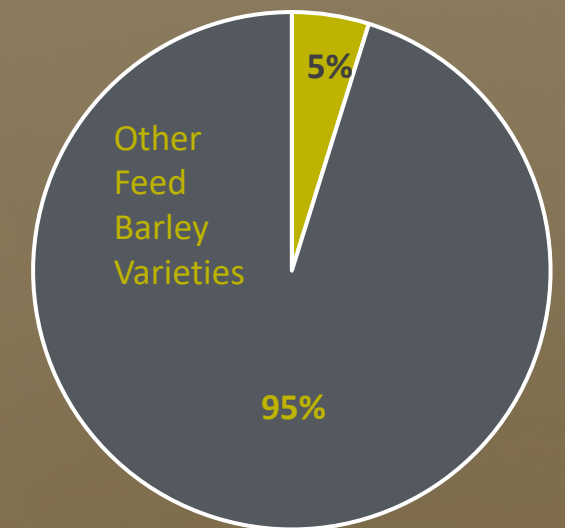
SeCan

CDC Renegade

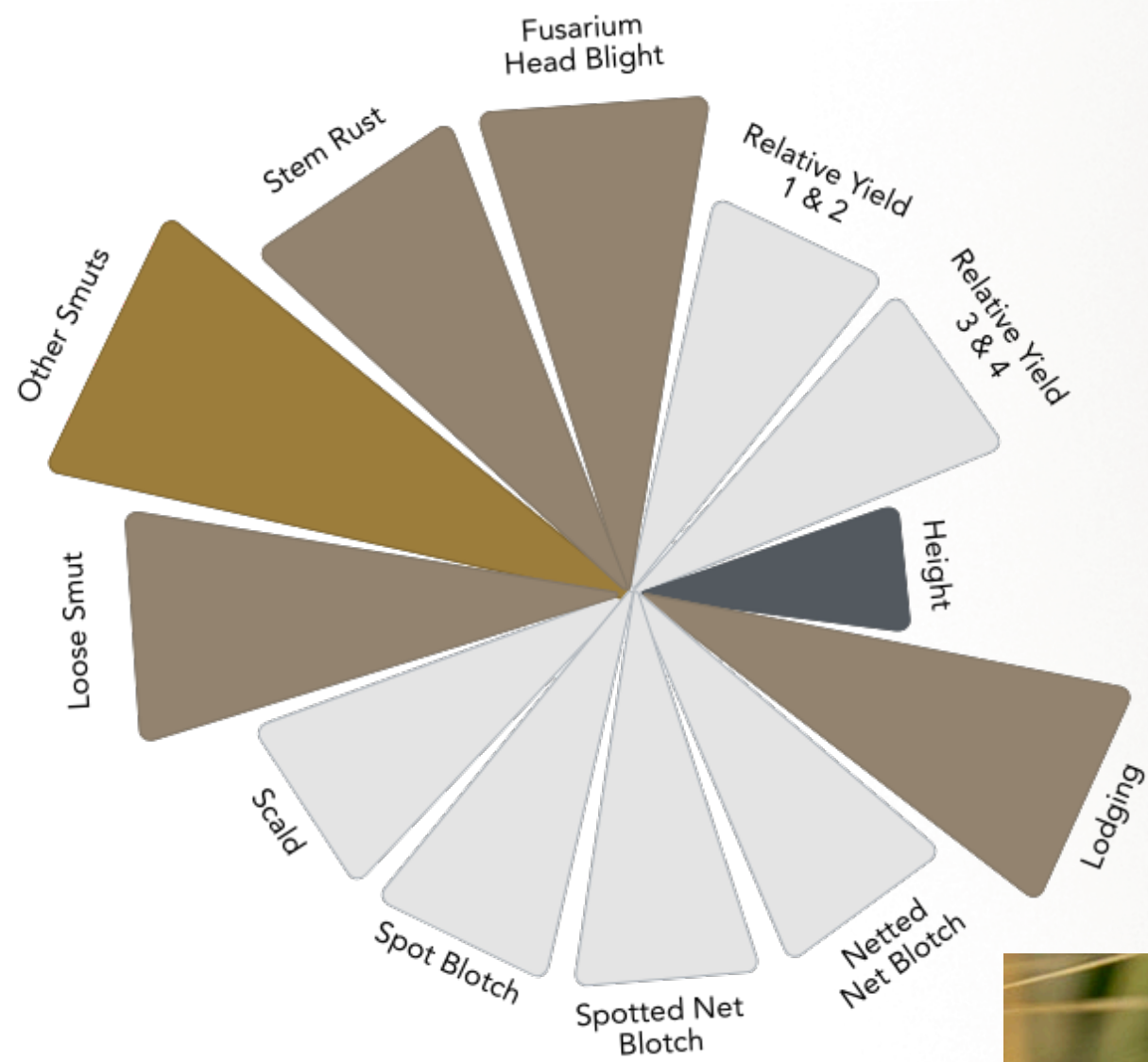


Highlights:

- 2-row, smooth awn
- Dual purpose feed/forage
- Good grain yield
- Superb forage yield
- Short, but weak straw
- Reg. 2021

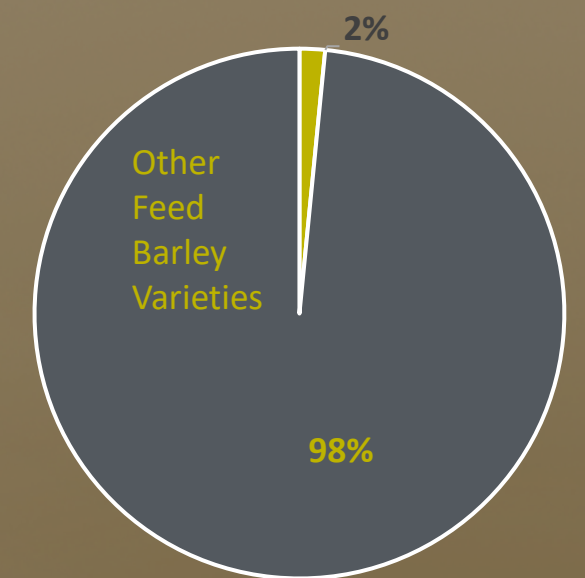


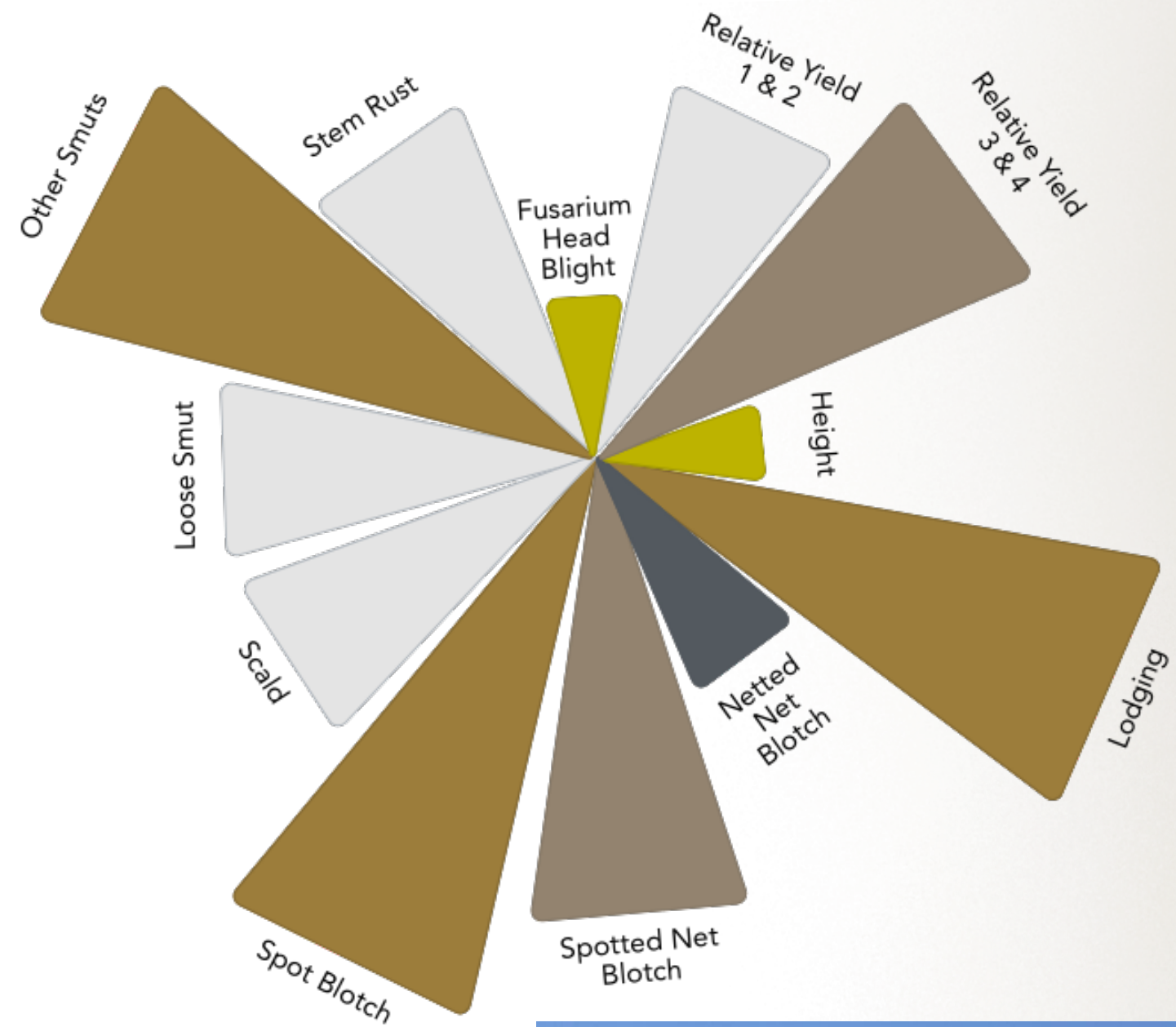
AB Hague



Highlights:

- One of the best all around disease packages
- Good standability
- Taller variety
- Drought tolerance
- Reg. 2021



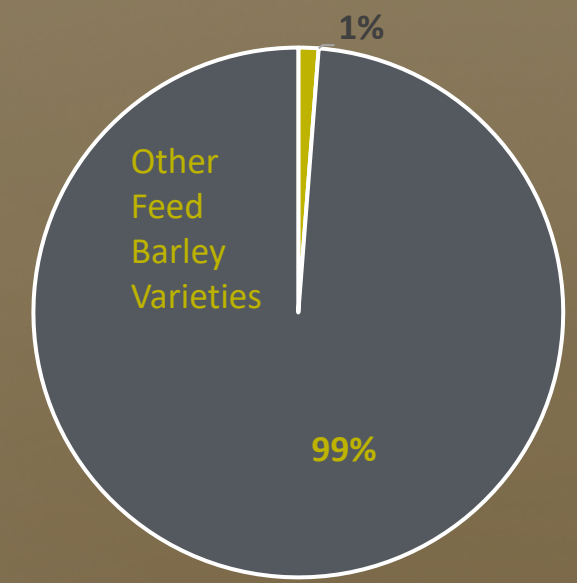



ALLIANCE
SEED

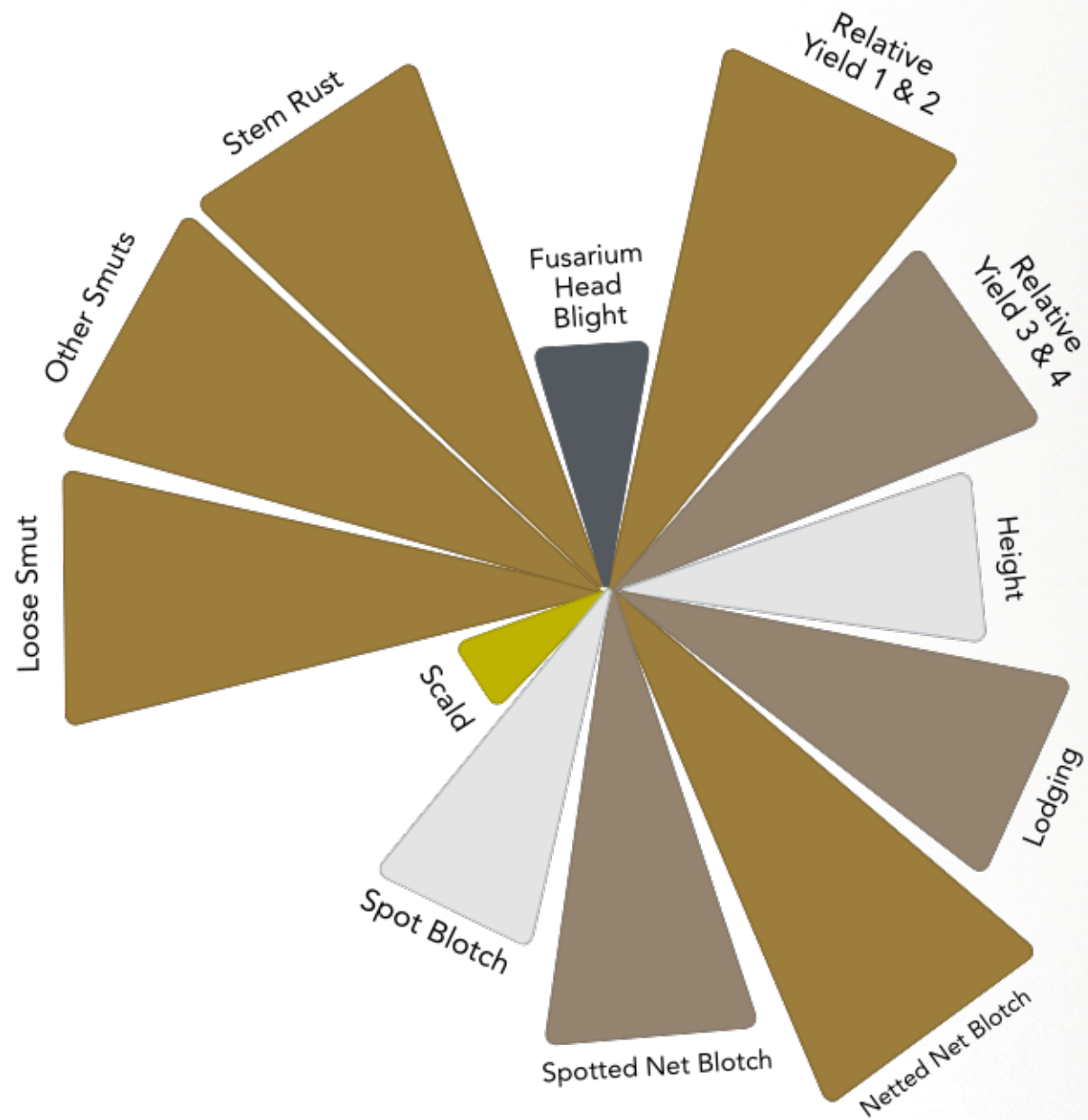
AB Cattlelac

Highlights:

- 6-row, semi -smooth awns
- High forage yield
- Good for straw production
- Good disease package
 - Weak for FHB
- Reg. 2017



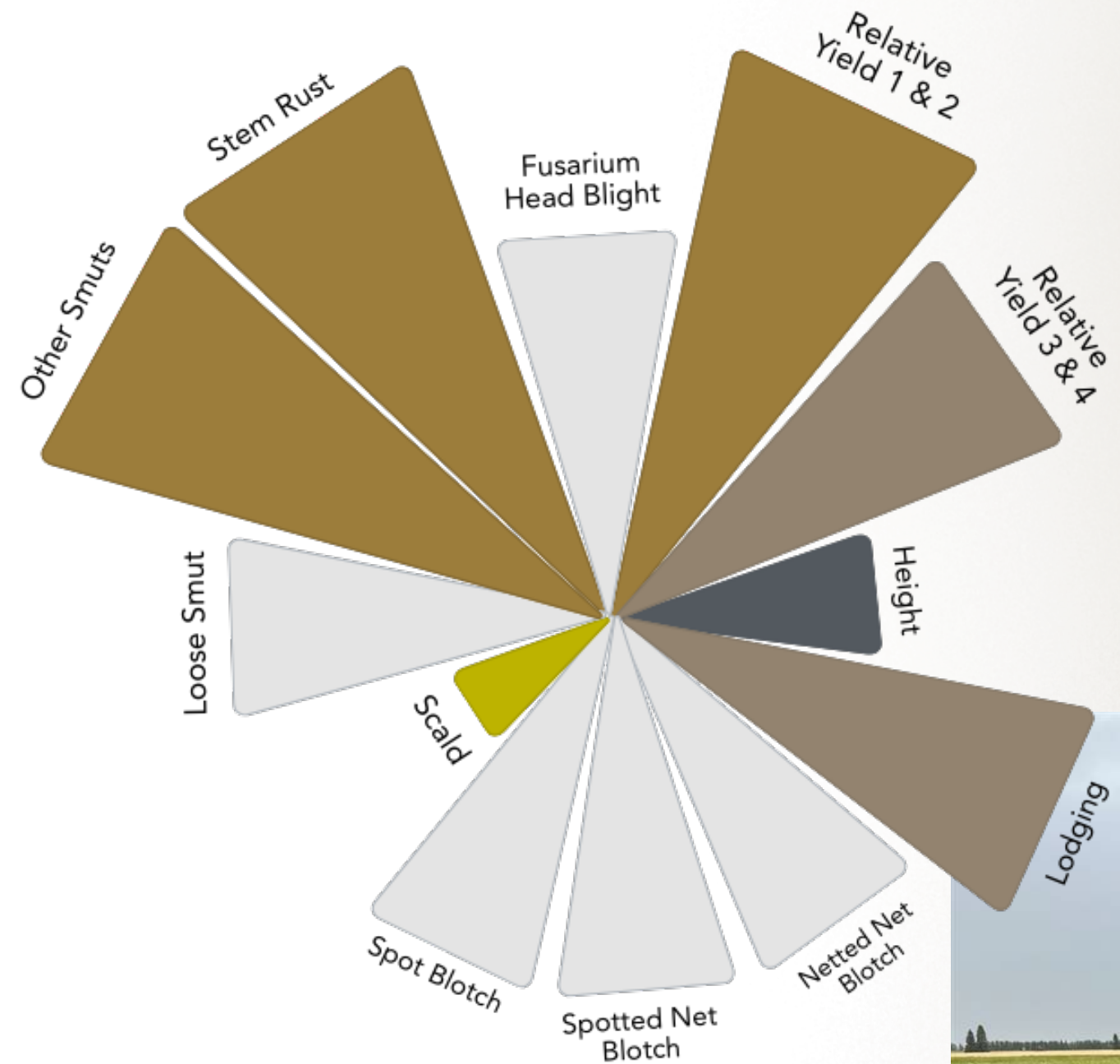
AAC Lariat



Highlights:

- Short, strong straw
- High yield
- Plump kernels
- High energy, low fibre feed
- All around disease resistance
- Reg. 2022

Cantu

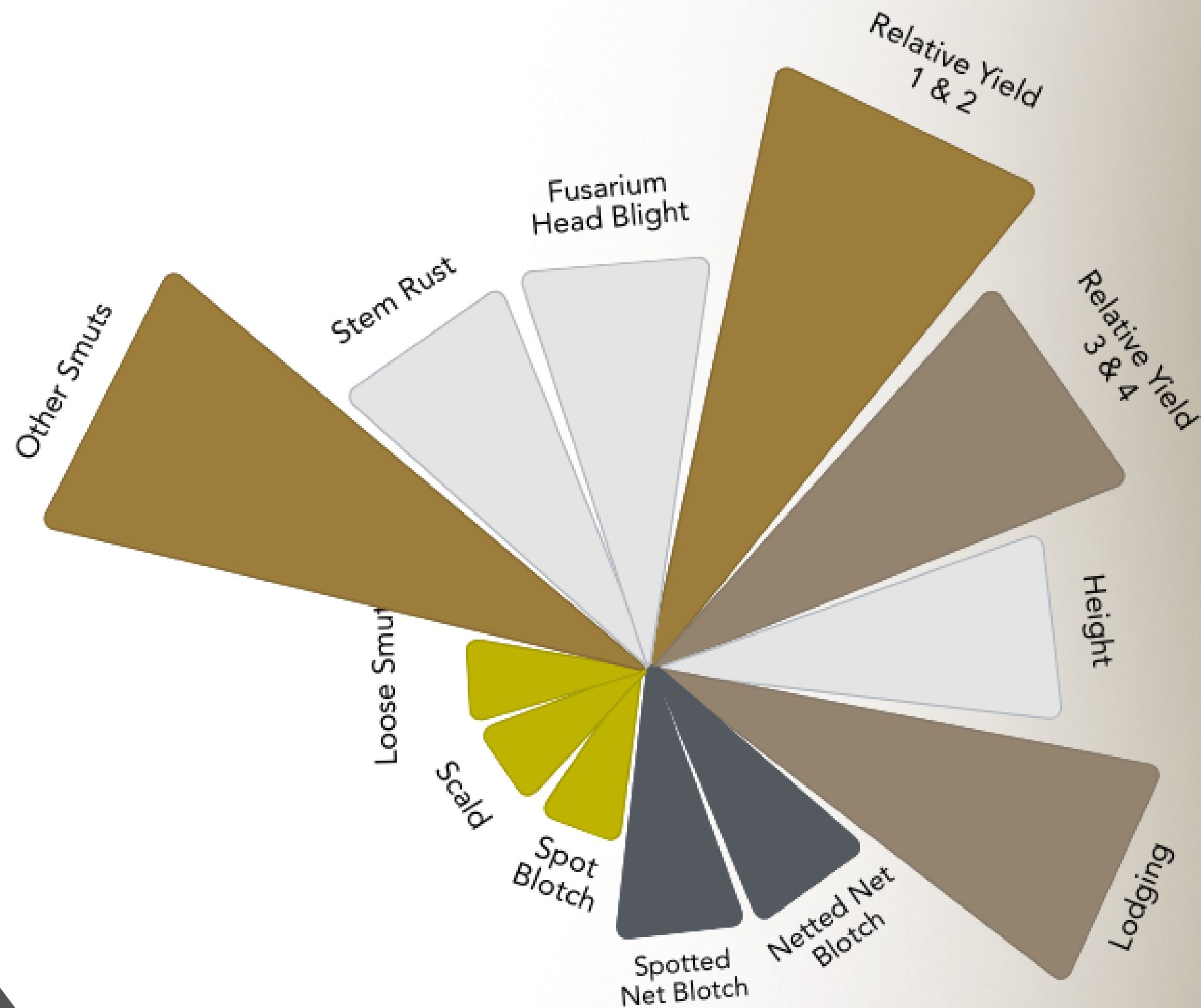


Highlights:

- Tall, with strong straw
- High yielding
- Replaces Claymore

Available Spring 2026, but sold out.
More in 2027. (Reg. 2022)

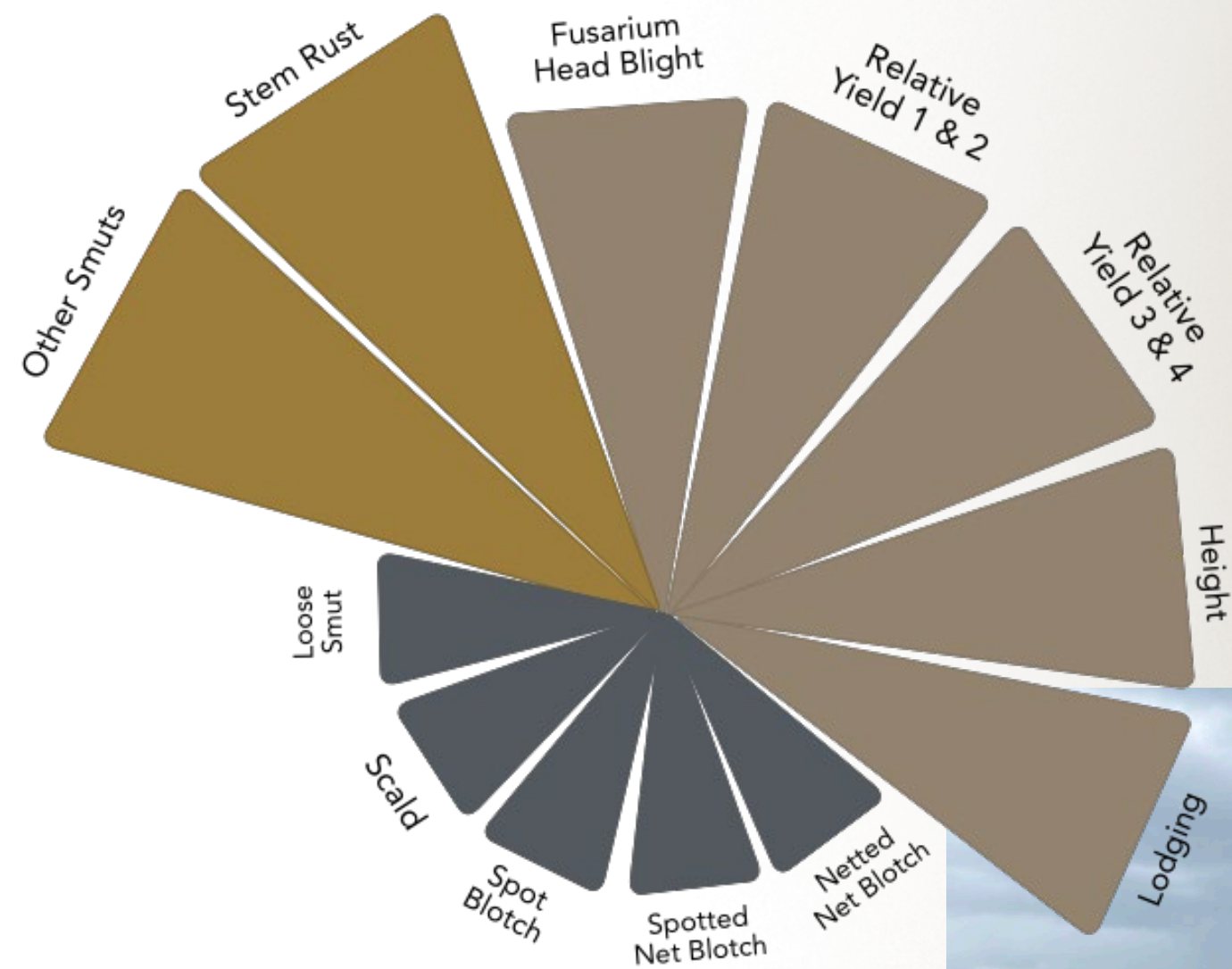
Ferguson



Highlights:

- Replacing Altorado
- High yield in northern zones
- Dual purpose feed/forage

Available for 2028 (Reg. 2023)



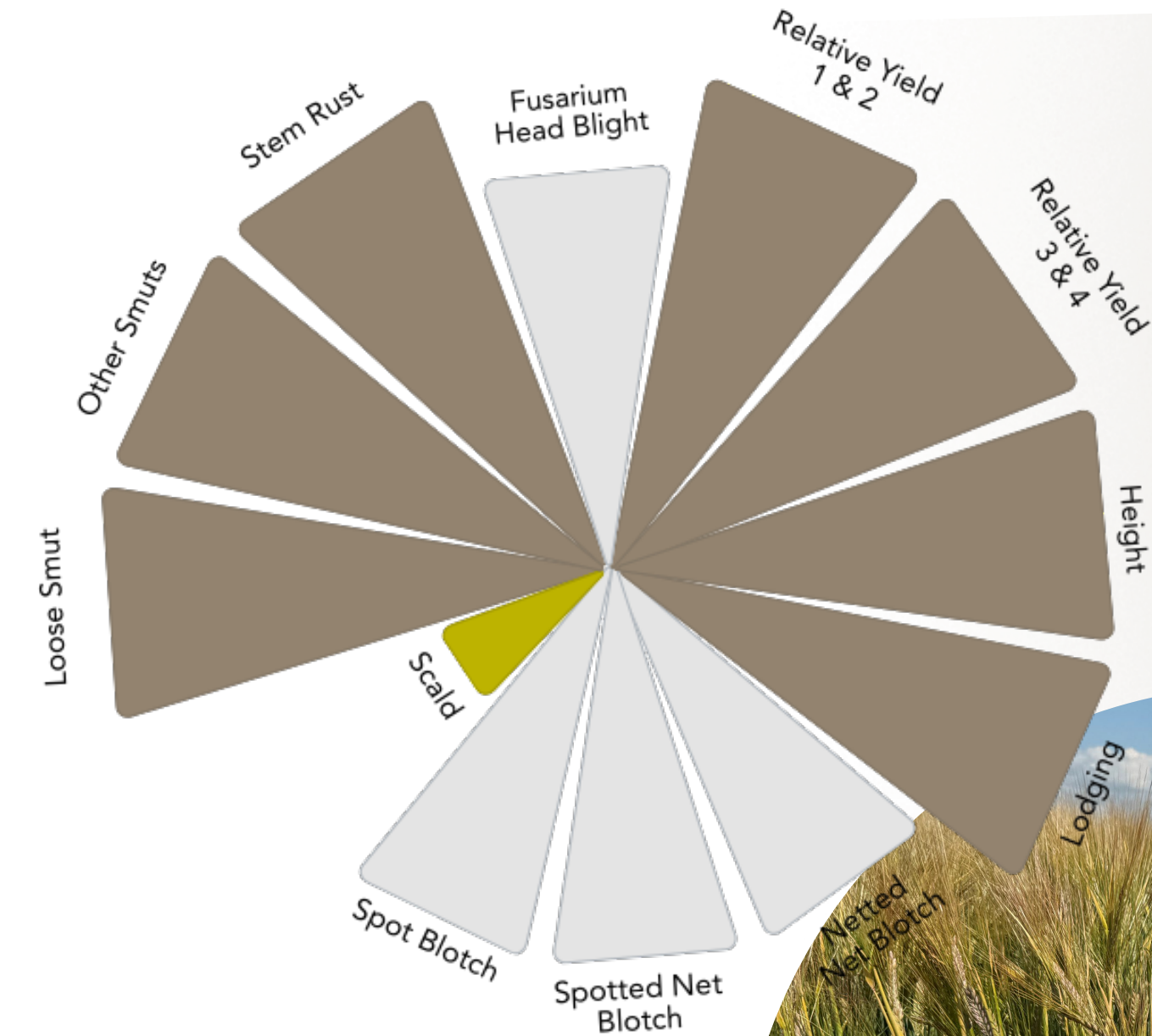
Nutrien
Ag Solutions™

Carleton

Highlights:

- Short, strong straw
- High yielding
- Widely adapted
- Replaces Oreana
- Reg. 2024

CDC Harness



Highlights:

- Short, strong straw
- High yielding
- High kernel weight
- Plump, uniform kernels

Available Spring 2028 (Reg. 2025)

Processing barley grain with variable kernel size

Dr. Greg Penner, U of S

\$118K

Improve Barley
Utilization in
Cattle Diets

Processing
Severity

Processing
Method



Fine-tuning dry -rolled barley grain processing for finishing beef cattle

Dr. Greg Penner, U of S

\$79K

Optimal
Processing
Severity

Feed Intake

Growth
Efficiency



2026 Protocols:

1. Incorporating Plant Growth Regulators on Saskatchewan Barley Farms
2. Optimizing Barley Fertility
3. High Yielding Barley with Alternative Seeding Implements
4. Fine Tuning Barley Seeding Rates
5. Exploring New Barley Varieties
6. Harvest Weed Seed Control in Barley

Registration for 2026 Closes March 6





Refining Barley Processing for Better Cattle Performance

February 24th at 10:00 AM CST



Register Now!



saskbarley.com/events

With Dr. Greg Penner,
University of Saskatchewan



DISCOVER

Research & Resources Online

Saskatchewan Barley Development Commission
306.653.7232 | info@saskbarley.com
306.535.4536 | mjapp@saskbarley.com



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Resources from
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Field Lab ON-FARM
RESEARCH